

Date: Mon, 4 Jul 94 16:05:39 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #742  
To: Info-Hams

Info-Hams Digest                      Mon, 4 Jul 94                      Volume 94 : Issue 742

Today's Topics:

                    CW - THE ONLY MODE!  
                    DXCC Country List  
                    Extra-teressial beacon  
                    GB3RAL relocation  
                    HDN Releases  
                    Help with No Scratch mag mount  
                    Let's be Careful Out There!  
          looking for info on 2mtr repeaters in santa cruz ca.  
                    Morse Key for disabled?  
                    QST H/Brew Isoloop  
                    Radio For Backcountry Use  
                    simnplex on two meter  
                    Sun spot data?  
                    Text transmission over FM radio?  
          WALA repeater locations and freqs

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 4 Jul 94 17:03:31 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: CW - THE ONLY MODE!  
To: info-hams@ucsd.edu

This CW dilemma has been around since the beginning of the hobby.

I have had the same experiences and problems that everyone else

has had while trying to learn the code. I've asked the exact same questions...how do you copy behind??...how do you head copy??...how do you increase your speed??...how do you make it over the 10-11 wpm hump?? I've tried everything...code tapes, computer code practice programs, W1AW code practice sessions, learning words at 20+ wpm, and on the air practice.

I wish that I could say that "X" was the way my code went from 0 - 15 wpm in 3 days. ( Don't we all!! :-( :-) )

There is no magic or easy way to learn the code. The only way is practice...many hours of concentrated practice. Any way you can get it...contests, on the air QSOs, code tapes, code oscillator practice with a friend, W1AW code practice sessions. Anything you can do to immerse yourself in the code. Soon you will find yourself copying behind, hearing full words, and copying in your head. It really is amazing!!

For some the code comes easy and to others like myself it takes time. The biggest thing is to enjoy it and don't get discouraged that you are not progressing as fast as you would like. Another thing that I have kept in mind during my learning process is the deep history behind the code and its marriage with the art of radio!!

I am still not up to the level that I would like to be...40-50 wpm, but, I am progressing and having a great time in the process. At this point, I can copy in my head 7-9 wpm QSOs, use the paper and pencil method for 10-15 wpm QSOs, and can copy a lot of words at 20-25 wpm. I remember when first hearing 20 wpm and not being able to pick out single characters (It seems sort of slow now). During my learning process, I have met a bunch of neat people on the air and hope to meet more of the same in the future!! Thanks to all who have been patient and kind when I had to ask for a QRS or PSE NAME AGN?? !!

Heres hoping that all your CQs go answered and that your code speed increases at least 5 wpm this month!!

cheers - Warren

--

Warren E. Lewis  
Technical Support Division  
SAS Institute Inc.  
Cary, NC

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(919) 677-8001 x6542  
PP-ASEL  
KD4YRN DOD#0021

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Date: Mon, 4 Jul 94 07:04:25 -0800  
From: amd!amdahl!grafex.sbay.org!ka6etb@decwrl.dec.com  
Subject: DXCC Country List  
To: info-hams@ucsd.edu

In <CsDqvK.CH5@ulysses.homer.att.com> wmb@ulysses.att.com (W M Brelsford) writes:

>The current ARRL DXCC country list (07/01/94 version) follows.  
>Changes include the addition of Eritrea (E3), deletion of Penguin  
>Islands (ZS0) and Walvis Bay (ZS9), and prefix changes for Yemen  
>(4W back to 70), Malyj Vysotskij Island (4J1 -> R1MV), Franz  
>Josef Land (4K2 -> R1FJ) and R1AN as an additional prefix for  
>Antarctica and South Shetland Islands.

>This list is available via  
> - occasional Usenet posting.  
> - ftp from ftp.cs.buffalo.edu (as pub/ham-radio/dxcc-k2di) and  
> other Amateur Radio archive sites.  
> - email from the ARRL Information Service -- send a message  
> containing the line "send dxcc-k2di" to info@arrl.org.

Also available from HAM-server.

-----  
Date: 4 Jul 94 15:32:59 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Extra-terrestrial beacon  
To: info-hams@ucsd.edu

Hello OMs

There are miles over miles of 50Hz power lines across the globe,  
stretching in any direction you can think of. Most of them are delivering  
power in a 50Hz frequency.

What happens if we synchronize all power stations across the globe to  
be in the same phase? Could we possibly transmit this 50Hz signal out to  
space, maybe to be used as a radio-lighthouse, or a UFO beacon of some sort?

The wavelength is 6000Km... at this wavelength it will be difficult  
for the signal to cross the ionosphere, but on the other hand, the output  
power is far larger than any common transmitter known today... the sum of  
the earth's population power consumption!!!

Please let me know what you think  
73 Erik

-----  
Date: 4 Jul 1994 13:03:06 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!uknet!keele!potter!poa01@network.ucsd.edu  
Subject: GB3RAL relocation  
To: info-hams@ucsd.edu

The UK 28MHz beacon GB3RAL ceased operation from the Rutherford Appleton site at Slough on 30 June. The beacon should by now be operational again from its new location near Didcot, sending a long dash and de GB3RAL QRA IO91IN. It is now being maintained by the Rutherford-Appleton Lab RC.

Other parameters are unchanged but the different characteristics of the site may well mean that some people get a better signal and others a poorer one.

Martin Harrison G3USF  
IARU Region 1 HF Beacon Coordinator

-----  
Date: Sat, 02 Jul 1994 12:06:08  
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!convex!egsner!wb9rxw!kf5iw!rwsys!ocitor!FredGate@network.ucsd.edu  
Subject: HDN Releases  
To: info-hams@ucsd.edu

The following files were processed Saturday 7-2-94:

HAMANT [ HamDistNet: Antennas Design and Propagation ]

-----  
JPOLE.ZIP ( 20052 bytes) J-pole Design Program V1.1 for any  
freq, by WA2ISE

-----  
20052 bytes in 1 file(s)

HAMLOG [ HAM: Amateur radio logging programs ]

-----  
HML0G461.ZIP ( 361663 bytes) Ham-Log V4.61 by HB9CQV /English &  
German DOCS

-----  
361663 bytes in 1 file(s)

HAMMODS [ HAM: Radio and equip modifications ]

-----  
AK10.ZIP ( 51752 bytes) Amazing Kenwood control program  
DIAL-525.ZIP ( 49854 bytes) NRD-525 computer control program  
SMCON140.ZIP ( 122956 bytes) R8 Smart Control Program  
-----

224562 bytes in 3 file(s)

HAMNEWS [ HAM: Bulletins and Newsletters ]

-----  
ANART815.ZIP ( 6885 bytes) ANART Bulletin #815 06/26/94  
ARLD038.ZIP ( 2753 bytes) 06/30/94 ARRL DX Bulletin - DX  
ARLX018.ZIP ( 2124 bytes) 06/30/94 - Eastern VHF/UHF meet  
ARLX019.ZIP ( 1897 bytes) 06/30/94 - Video's winner  
ARRL0510.ZIP ( 11100 bytes) ARRL Newsletter Vol13 No9 05/10/94  
ARRL0526.ZIP ( 12110 bytes) ARRL Newsletter Vol13 No10 05/26/94  
ARRL0615.ZIP ( 10849 bytes) ARRL Newsletter Vol13 No11 06/15/94  
HOD006.ZIP ( 49774 bytes) Ham on Disk #6 vol 1  
RACES332.ZIP ( 2693 bytes) RACES Bulletin #332 06/27/94  
RACES333.ZIP ( 2866 bytes) RACES Bulletin #333 07/04/94  
WICEN051.ZIP ( 3424 bytes) WICEN Bulletin #051 06/19/94  
-----

106475 bytes in 11 file(s)

HAMPACK [ HAM: Packet Communications programs ]

-----  
APRS503A.ZIP (1019238 bytes) Automatic Packet Report system  
V5.03 by WB4APR  
APRS504U.ZIP ( 160467 bytes) Automatic Packet Report System  
V5.04 Update by WB4APR  
LL232EXE.ZIP ( 434228 bytes) Lan-Link v2.30:MS-DOS packet  
software by W3/G3ZCZ  
NPF220A.ZIP ( 329779 bytes) G8NPF message system v2.20a, reqs  
BPQ405 or later  
-----

1943712 bytes in 4 file(s)

HAMSAT [ HAM: Satellite tracking and finding programs ]

-----  
SPC0627.ZIP ( 5010 bytes) Space News 06/27/94  
SPC0704.ZIP ( 3933 bytes) Space News 07/04/94

WXMAN.ZIP ( 261027 bytes) Receive weather maps using sound  
blaster card

-----  
269970 bytes in 3 file(s)

HAMSRC [ Ham: Program Source Code ]

-----  
HP48PACK.ZIP ( 2389 bytes) Source code for HP 48 Packet  
program, by KC1SX

-----  
2389 bytes in 1 file(s)

HAMNEWS [ HAM: Bulletins and Newsletters ]

-----  
ARLX018.ZIP ( 2124 bytes) 06/30/94 - Eastern VHF/UHF meet

-----  
2124 bytes in 1 file(s)

Total of 2930947 bytes in 25 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org  
IP NET address 140.98.2.1 for seven days. They are mirrored  
to ftp.halcyon.com and are available for 60-90 days.

Directories are:

pub/fidonet/ham/hamnews	(Bulletins)
/hamant	(Antennas)
/hamsat	(Sat. prg/Amsat Bulletins)
/hampack	(Packet)
/hamelec	(Formulas)
/hamtrain	(Training Material)
/hamlog	(Logging Programs)
/hamcomm	(APLink/JvFax/Rtty/etc)
/hammods	(Equip modification)
/hamswl	(SWBC Skeds/Frequencies)
/hamscan	(Scanner Frequencies)
/hamutil	(Operating aids/utils)
/hamsrc	(Source code to programs)
/hamdemo	(Demos of new ham software)
/hamnos	(TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.

1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter:     Guest;guest     <return>

lee - ab5sm  
Ham Distribution Net

\* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

-----  
Date: Mon, 04 Jul 1994 16:14:34 -0500  
From: ihnp4.ucsd.edu!sdd.hp.com!think.com!spdcc!merk!harvee.billerica.ma.us!  
esj@network.ucsd.edu  
Subject: Help with No Scratch mag mount  
To: info-hams@ucsd.edu

In <1994Jun30.132404.16288@rsg1.er.usgs.gov>, Tom Bodoh writes:  
>I thought it was very good advice. Some people use magnetic mounts so they  
>can easily move from car to car - or be able to avoid theft. For those folks  
>magnetic is best.

then there are those of us that use <clang!> parking <clang!> garages <clang!>  
on <clang!> a <clang!> regular <clang!> basis.

--- eric  
--

HOME: esj@harvee.billerica.ma.us    HAM   ka1eec  
WORK: esj@temerity.polaroid.com    617.386.4687  
source of the public's fear of the unknown since 1956

-----  
Date: 4 Jul 94 15:34:02 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Let's be Careful Out There!  
To: info-hams@ucsd.edu

>to some degree. What I really don't understand is 2 meter mobile gear, out of  
>the box, that transmit from 140 to 150 MHz (sometimes much wider). Receiving  
>is no problem. But transmitting? For one it is illegal to transmit outside of  
>the amateur band (with the exception of MARS and possibly another).

the assumption has been and still is that YOU operate the station. YOU know  
how to put the radio on the right frequencies and so on. This is a great  
honor we receive in these days of "users are stupid" design.

Even with "Idiot-proof" controls, the idiots will still find a way.

It's no different with VHF equipment than it is with HF equipment. I guess I don't have an immediate problem with this.

bill wb9ivr

-----  
Date: 4 Jul 1994 16:58:54 -0400  
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!  
tequesta.gate.net!gate.net!larryb@network.ucsd.edu  
Subject: looking for info on 2mtr repeaters in santa cruz ca.  
To: info-hams@ucsd.edu

I am visiting some friends in santa cruz and forgot my repeater directory.  
would someone please e-mail the repeater freq,offsets,pl tones. to me  
thanks, 73 de larry benjamin  
larryb@gate.net

-----  
Date: Mon, 4 Jul 1994 22:17:40 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.ans.net!  
sitka.wsipc.wednet.edu!egreen!egreen!jmollan@network.ucsd.edu  
Subject: Morse Key for disabled?  
To: info-hams@ucsd.edu

Chdeck with Handi hams in Golden Valley MN.

There are all sorts of novel ways to design paccles for keyers. NASA  
adpoted a light activet servo system for astronauts that follows the  
motion of the eges to steering mechanisms. A lot of quads use this  
system to steer wheelchairs.

Keep up the hamming!

73, John  
AE7P

-----  
Date: 4 Jul 94 10:29:30  
From: ihnp4.ucsd.edu!agate!headwall.Stanford.EDU!ee-news!bencze@network.ucsd.edu  
Subject: QST H/Brew Isoloop  
To: info-hams@ucsd.edu



Howdy All,

This is an interesting thread -- I'm seriously looking at building a 40m-to-20m loop antenna for my apartment balcony. My current design is an inductively coupled loop (like the QST article) with a octagonal main loop made out of copper water pipe (like the ones in the ARRL antenna book). I'm still working on the design of the tuning cap -- I'm still trying to determine what is the best thing to do that's also easy to build, and cheap too! (it looks like commercial vacuum variables or air vars with sufficiently high voltage ratings are a bit steep for my wallet)

I'm interested to hear about other's experiences -- and where to get the Ted Hart/N5QJR book. When I get this beast built; I'll summarize the results to the net.

Tnx es 73, Bill/K06CD

--

Bill Bencze

bencze@isl.stanford.edu

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Date: Mon, 4 Jul 1994 21:21:39 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!unixg.ubc.ca!prodigy.bc.ca!espresso.prodigy.bc.ca!pantaki@network.ucsd.edu  
Subject: Radio For Backcountry Use  
To: info-hams@ucsd.edu

I'm interested in finding out what type of radio is suitable for backcountry emergency use. I posted a question to rec.backcountry and was told that this would be a more appropriate newsgroup. Some of the questions I have include:

- Frequencies used (is CB useable, are there repeaters)
- Suggestions for small handhelds with enough power to transmit in remote areas
- Any other suggestions or recommendations

Any help would be greatly appreciated.

Paul

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Paul Antaki  
Prodigy Technologies Corporation  
1100-1190 Hornby Street  
Vancouver, B.C.

Phone: (604) 687-4636  
Fax: (604) 687-1671  
e-mail: pantaki@prodigy.bc.ca

V6Z 2K5

-----  
Date: Mon, 4 Jul 1994 22:06:01 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!news.ans.net!  
sitka.wsipc.wednet.edu!egreen!egreen!jmollan@network.ucsd.edu  
Subject: simnplex on two meter  
To: info-hams@ucsd.edu

I've done this a few times in Hawaii, where customs seem to be different. I also call CQ on 2m cw and SSB. I anderstnad the "Moniroring" business came about when people decided that if they could hear their repeater, there was no sense to call CQ

Actually, calling CQ on simplex is the kosher way to do it, although sems as if few people do. I also do it while mountaintopping and contesting.

Well, as long as we can find someone to talk to, we don't need to be on Internet.

73, John  
AE7P

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Date: Mon, 04 Jul 1994 14:25:55 -0400  
From: newsflash.concordia.ca!altitude!interso.hip.cam.org!user@uunet.uu.net  
Subject: Sun spot data?  
To: info-hams@ucsd.edu

Where can I find sun spot data information?

Thanks for your help

-----  
Date: Mon, 4 Jul 1994 22:21:51 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
vescovo@network.ucsd.edu  
Subject: Text transmission over FM radio?  
To: info-hams@ucsd.edu

I'm trying to find out how easy it is to send text (ascii) over standard FM radio frequencies. More specifically, how many characters per second do you think one could send at say, 100 MHz?

Any ideas where I could find out more information reports, people) who

know a lot about this technical subject?

Thanks in advance for anyone who helps out. I appreciate it.

Victor V.

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vescovo@netcom.com

-----  
Date: 04 Jul 1994 17:46:23 GMT  
From: network!gobbel@network.ucsd.edu  
Subject: WALA repeater locations and freqs  
To: info-hams@ucsd.edu

My wife and I are planning to drive up to the Bay Area very soon. In the past we've mostly just used Condor--which works *\*very\** well, by the way--but there's a friend in the Bay Area I like to be able to contact, and I haven't been able to convince him to get a 220 rig. So, I'd like to try using WALA. I have a very old list of their repeaters, but I'm sure it's way out of date. Does anyone out there have current info on this system? I managed to at least *\*hear\** the weekly net last night. Unfortunately the club remote base didn't have quite enough oomph to get me checked in, going into PV from San Diego. I copied the address to write to for a map, but we need the info right away if we're to use it for this trip.

73 and thanks in advance,  
-Randy Gobbel, KD6ULI  
Cognitive Science, UC San Diego

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Date: 4 Jul 1994 12:04:22 -0700  
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!agate!apple.com!apple.com!  
not-for-mail@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1994Jun29.175509.29439@ccd.harris.com>,  
<Cs9qs3.Mu9@crdnns.crd.ge.com>, <BENCZE.94Jul4102930@elvira.stanford.edu>«  
Subject : Re: QST H/Brew Iso loop

bencze@elvira.stanford.edu (William J. Bencze) writes:

> This is an interesting thread -- I'm seriously looking at building a  
> 40m-to-20m loop antenna for my apartment balcony.

I also live in an apartment (3rd floor) with a small balcony.

During the field day weekend (contests are great times to experiment with antennas, with so many people listening for you :-) I slapped together the distributed-capacitance loop that has been appearing on the last couple of issues of CQ Magazine (the most recent one in the July issue, I think).

This is basically a two turn loop made up of 300 ohm TV twinlead. There is enough distributed capacitance that the loop resonates with nary a capacitor (a little open stub, also made up of 300 ohm twinlead). Must have been quite lossy, since the 2:1 SWR bandwidth was rather broad.

I only subjected two stations to the torture of having to copy a weak station: one station was in Alberta, and the other in South Texas. Both stations came back to the first call from me on 20m. I was dumping 50 watts SSB into the loop from the SF Bay area.

So, it is possible to get out with very simple loops.

On receive, the makeshift loop was maybe one to two S units worse than the usual antenna system I use, which is a 13 foot vertical whip and a 6 foot counterpoise (you can view it as an L shaped antenna, off-centered to get 50 ohm match and inductively loaded to resonate on 20m) on the same balcony. (This latter antenna worked Peter I Island with 100 watts SSB.)

73,

Kok Chen, AA6TY  
Apple Computer, Inc.

kchen@apple.com

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Date: 4 Jul 94 14:53:54 GMT  
From: news.delphi.com!BIX.com!hamilton@uunet.uu.net  
To: info-hams@ucsd.edu

References <CryHrM.DKF@du.edu>, <edh.772904399@hpuerca>,  
<CsBtBr.n2F@freenet.buffalo.edu>8  
Subject : Re: Temp. Conversion Chart: F & C?

aa450@freenet.buffalo.edu (Kurt Rieder) writes:

>Actually, we have a difference here... MHz and KHz... etc, never  
>equal each other, while F and C do !!!

Try zero (MHz, Feet, Dollars).

Regards,

Doug Hamilton    KD1UJ    hamilton@bix.com    Ph 508-358-5715  
Hamilton Laboratories, 13 Old Farm Road, Wayland, MA 01778-3117, USA

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Date: Mon, 4 Jul 94 16:35:27 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!uknet!uos-ee!ee.surrey.ac.uk!  
M.Willis@network.ucsd.edu  
To: info-hams@ucsd.edu

References <edh.772904399@hpuerca>, <CsBtBr.n2F@freenet.buffalo.edu>,  
<hamilton.773333634@BIX.com>  
Subject : Re: Temp. Conversion Chart: F & C?

In article <hamilton.773333634@BIX.com>, hamilton@BIX.com (hamilton on BIX)  
writes:

|> aa450@freenet.buffalo.edu (Kurt Rieder) writes:

|>

|> >Actually, we have a difference here... MHz and KHz... etc, never

|> >equal each other, while F and C do !!!

|>

|> Try zero (MHz, Feet, Dollars).

|>

You cant have zero dollars as then you havn't got any dollars

If you are counting in feet, I assume you only get as far as two, you certainly  
cant have negative ones (unlike dollars).

You can't have zero MHz unless the big bang theory is incorrect.

No flames please, it's a joke.

Mike

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End of Info-Hams Digest V94 #742

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